Corte, Hoinz.
A CONTRIBUTION TO POROSITY ANALYSIS PRESENTED BY MEANS OF A STUDY OF CIGARETTE
FILTERS. [1962] 21p.
Order from K-H \$26, 25

Trans. of das Papier (West Germany) 1955, v. 9,
no. 13/14, p. 290-295.

DESCRIPTORS: \*Porosity, \*Cigarettes, \*Porous
filters, Paper.

(Materials --Paper, TT, v. 8, no. 6)

62-17901

I. Corte, H.
II. K-H-3769-a

III. Kresge-Hooker Science
Library Associates.
Detroit, Mich.

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APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000200580023-2

The Influence of the Tensile Forces during the Drying of Paper on the Behaviour of Paper, by W. Brecht and D. Pothmann, 30 pp.

GERMAN, per, Das Papier, Vol IX, No 13-14 and 17-18, Jul and Sep 1955, pp 304-311 and 429-437.

BLA 57-3311

Sci

Aug 58

72,480

The Application of Sodium Aluminate in Paper Manufacture. Part I. The Influence on the Retention of Pulps Without Rasin Addition, by T. Ploets, L. Scheuring, 36 pp.

GERMAN, per, Dan Papier, Vol IX, no 12/14, Jul 1995, p 311.

SLA Tr 57-932

Sci - Chemistry Feb 58 58,504

Application to the Polystyrene Replica Technique to the Characterisation of Paper Surfaces, by G. Jayme and M. Harders-Steinhauser, 2 pp.

GERMAN, per, Das Papter, Sep 1955, pp 437-439. SEA Tr 57-1728

Sei

Jul 58

67,943

Silicic Acid Fillers in the Paper Industry, by B. Podschus and C. Klein, 9 pp.

CERCIAN, per, Das Pepier, Vol IX, No 23-24, Dec 1955, p 584.

SIA 22 87-1736

Sc1

Jul 58

67,950

Jayme, G. and Bergmann, W.
OXYGEN-INSENSITIVE ALKALINE CELLULOSE
SOLUTIONS (Uber Sauerstoffunempfindliche Alkalische Cellulose-lösungen) tr. by H. A. G. Nathan 1961, 8p. 4 refs. NRCC Technical Trans. 989. IV. NRCC C-3841 V. National Resea

Trans. of das Papier (West Germany) 1956, v. 10, no. 5/6,  $\overline{p}$ . 88-90.

DESCRIPTORS: \*Cellulose, Cellulose chemistry, Chemistry, Organic solvents, Viscosity, Measurement, Oxygen, Chemical reactions.

In continuing the investigations of the sodium-ferritartaric acid complex, ((C4H3O6)3Fe Na6, dissolved in sodium hydroxide solution, i.e. the new solvent recently found by Jayme, the oxygen sensitivity of the cellulose solutions thus obtained was studied, Vis-(Materials--Paper, IT, v. 8, no. 7) (over)

62-12448

1. Jayme, G.

V. National Research Council of Canada

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000200580023-2

Research at Zellstoffabrik Weldhor, by Esna bechase, 21 pp.

GERMAN, per, Des Papier, Vol X, No 78, 1956, pr 123-134.

SLA 59-10156

Sci - Chem Sep 59 Vol 2, No 1

97,744

Rough Preliminary Calculation of the Effectiveness of Diffusion Mashing, by H. W. Schippel, 13 pp.

Jun 1956, p 240.

SIA 2 51-1737

8**c1** 

67,951

Jul 58

## APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200580023-2

TT-65-12002

Stroele, U.; Teves, D.
THE CONTROL OF PITCH PROBLEMS WITH DISPERSANTS, 20p. (7 figs omitted) 5refs.
Order from SLA: \$1,60 as TT-65-12002

Trans. of das Papier (West Germany) vio n13/14 p264-70
1956.

1. Stroele, U.
II. Teves, D.

Mit 624

Study of the Determination of Wet Sheet Resistance Factor During Devatoring by Means of Table Rolls, by Herbert Mayor, 9 pp.

GERHAN, per, Des Pepier, Vol. 25, No 13/14, 1956, pp 295-300.

SIA 59-10307

Sc1 Nov 59 Vol 2, No 3

101,534

Beating Control With the Liset Miber Separator, by W. Brecht, A. Pohl, 9 pp.

GERMAN, per, Das Papier, Sep 1956.

Sci - Engineering Feb 58

514 tr 57-1174 58,498

The Effect of Wire Structure on Pibre Brainage Study on Stationary Screen, by W. Brecht, H. Briert and W. Volk, 13 pp.

GETSKAE, per, Das Papier, Sep 1956, pp 395-402.

SIA 2 57-1720

Sci

Jal 58

67,935

Properties of Spruce Sulphate Pulps in a State of Biological Preservations, by G. Jayme, L. Kohler, W. L. Haas, 19 pp.

GERMAN, per, Das Papier, Vol X, Nov, Dec 1956, pp 405, 540.

81A Tr 57-675

Sci - Biol

53,131

Sep 57

Ploetz, T. and Hohenschutz, H.

APPLICATION OF SODIUM ALUMINATE IN PAPER
MANUPACTURE. III. EFFECTS OF THE SYSTEM
ALUM-SODIUM ALUMINATE ON INITIAL WET
STRENGTH. 21963] 4p 3refs
Order from SLA \$1.10

63-18775

Trans. of das Papier (West Germany) 1956, v. 10,
p. 406-409.

DESCRIPTORS: \*Papers, \*Wood pulp, Preparation,
Additives, \*Aluminum compounds, Ammonium compounds, Sulfares, \*Sodium compounds, \*Aluminates,
Tensile properties.

A 3\(\frac{1}{2}\) consistancy alum-sodium aluminate mixture was
added to a pulp of 70\(\frac{1}{2}\) pine groundwood and 30\(\frac{1}{2}\) unbleached pine sulfite kraft. The aluminum hydroxide
gels thus formed in the fiber slurry resulted in
significant increases in initial wet strength properties.
(Materials--Paper, TT, v. 10, no. 12)

Office of Itchak's lenker

Some Determinations of the Surface Temperature of Brying Cylinders, by A. T. Carlander, 7 pp.

GENERAL, per, Das Papier, Vol I, No 17-18, 1956, p 113.

SLA Tr 57-1744

Sci
Jul 58

The Influence of Brying Strains on Some Properties of Paper, by W. Brecht, A. Ger-spach, and W. Hilderbrand, 13 pp.

Oct 1956, pp 454-458.

BLA \$5 97-1721

**501** 

JUL 58

67,936

Dry Content and Initial Wet Strength After Laboratory Suction Draining, by W. Brecht, A. Gerepach, 6 pp.

STA 58-258

6ci

Aug 59

94,187

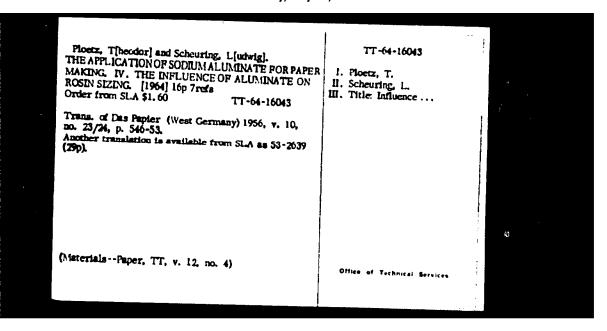
Properties of Spruce Sulphate Pulps in a State of Biological Preservation, by G. Jayme, L. Kohler, W. L. Hans, 10 pp.

GZRMAN, per, <u>Das Papier</u>, Vol X, No 23/24, 1956, pp 540-545.

SIA 59-10157

Sci Chem Jun 59 OTB I, 10

89,716



The Distribution of Filler Through the Cross Section of the Paper Thickness, by H. Mack, B. Kleu, 3 pp.

GERMAN, per, <u>Papier</u>, Vol X, 1956, pp 564-566.

CSIRO

Sci - Chem Nov 61 341 57-296:

174,407

Progress in Research and Technique of Wood Pulping in America, by T. N. Kleinert, 16 pp.

GERMAN, per, Das Papier, Vol XI, No 1-2, Jan 1957, pp 14-21.

SLA 57-3191

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Aug 58

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The Influence of Marious Chemical Auxiliary Products in the Manufacture of Printing Papers, by H. Wilfinger, 9 pp.

GERMAN, per, Das Papier, Vol XI, No 1-2, Jan 1957, pp 106.

81A Tr 57-835

Sci - Chem

53,122

Sep 57

Bucher, H[ans].

REACTIONS DURING THE PARCHMENITZATION OF PULP WITH SULFURIC ACID. [1960] 139.
Order from ATS \$17.95 ATS-45M46G

Trana. of das Papier (West Germany) 1957, v. 11, no. 7/8, p. 125-133.
Another translation is available from SLA mi\$2.40, ph\$3.30 as 60-16801 [1960] [12]p.

1446 9/4

(Materials--Paper, TT, v. 5, no. 5)

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000200580023-2

Production Of Tannin and Pulp From Young Black Locust Wood by G. Jayme and H. Semmler.

GERMAN, per, Das Papier, Vol XI, No 17/18, 1957, pp 396-398.

**CSIRO Tr** 3872

Oct. 62

Caustic Concentration, X-Ray Pattern of Na Cellulose I and Cellulose Xanthate and also the State of Dissolution of the Viscose and Their Correlations, by W. Koblitz, H. Kiessig, 21 pp.

GERMAN, per, Das Papier, Vol XI, No 17/18, 1957, pp 399-407.

SLA 59-10281

Bci Chem Jun 59 CTB I, 10

89,717

Contribution to the EM Microstructure of Beech Pulp Fibres: The Veriable Diameter of Microfibrils, by A G. Jayme, E. Koburg, 3 pp.

GERMAN, per, Das Papier, Vol XI, No 19-20, 1957, p 443.

BLA 58-281

Sei

Aug 59

94,191

Secondary Fluorescence in Bloached Sulphite and Sulphate Pulps, by Georg Jayme, Gerhard Bouer, Morianne Harders-Steinhauser, 10 pp.

GERMAN, per, Das Papier, Vol XI, No \$ 23/24, 1957, pp 536-539.

SLA 59-10279

Sai - Engr

OTS I, 9 Jun 59

89,542

The Ultra-Texture of Fibrous Materials, by Murt Hess, 30 pp.

ORTHAN, per, Das Papier, Vol XI, No 23/24, 1957, pp 553-562.

STA 59-10280

Sci - Chemistry Jun 59 OES I, 10

89,751

Determination of Yield of Spruce and Beech Sulphite Pulps by Means of D. P. Measurement, by Alfred Ogait, 17 P.

GREGAN, per, das Papier, 1958, Vol XII, No 7/8,, pp 126-136.

Bei Vol 2 No 10 8TA 59-20052 | 18, 904

Final complete Comments of Theodological Modern Society Complete (Bare) and Theodological Man de Collegione Chemistry, by G. Jeyre, W. Bergmann.

CHAMI, per, Papier, Vol III, 16 9/10.

1958, yp 167-196.

CSIRO

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## APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200580023-2

Effect of Symiling on the Beating Degree and Strength Development of Sulphite Pulps in Continuously Operating Stock Properation Plant, by F. Wultsch, L. Weissman,

GERMAN, per, Papier, Vol XII, No 9/10, pp 204-210. 1958

C.S.I.R.O. SLA 58-2682

Boi -

May 60

116,128

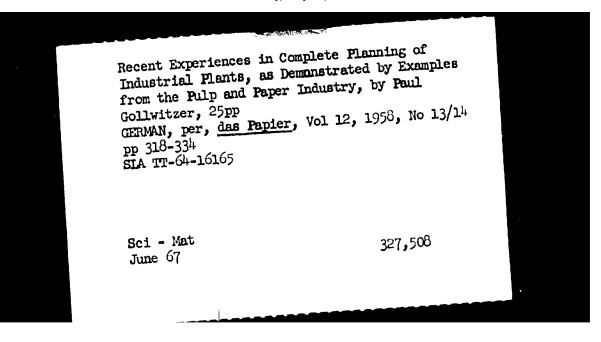
The Study of the Effect of Beating on Pulp, by G. van Hederveen, 18 pp.

GLEMAN, per, das Papier, Vol XII, No 11/12, 1958, pp 267-273.

SLA 59-15320

Sci Dec 59 Vol 2, No 4

103,111



Study of the Determination of the Sizing Effect According to Cobb, by Joseph Maltenbach, 16 pp.

CERMAN, per, Das Papier, Vol XII, No 13/14, 1958, pp 342-350.

SIA 59-10985

Sci - Chemistry Sep 59 Vol II, Bo 2

98,645

Development and Final Version of the Lignin Determination Method According to Jayme-Knolle, by Goorg Jayme, Herbert Knolle, Gerda Rapp, 8 pp.

GYFMAN, per, das Papier, Vol XII, No 17/18, 1958, pp 464-467.

SIA 59-15362

Sci Dac 59 Vol 2, No 4

103,116

Serving of Paper According to Modern Points of Vices, by R. Thier, 9 pp.

GETUAN, per, Das Papier, Vol XII, No 19/20, 1956, TT 505-512.

SIA 59-15692

sci Hov 59 Vol 2, No 3

101,521

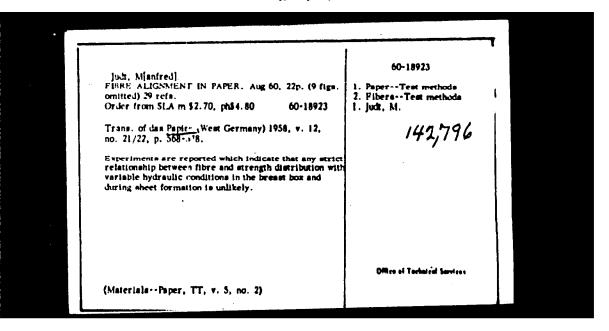
Loosening of Fibre to Fibre Bonding in Wood Through Pulping, by Hans Sadler, Othmar Trantina, 20 pp.

GETMAN, per, das Papier, Vol XII, No 21/22, 1958, pp 553-567.

SIA 59-15976

Sc1 Jan 60 Vol 2, No 7

104,684



Mater and Haste Water Systems of Illustration Printing Paper Mills, by Halter Brecht, Fridolin Zippal, 11 pp.

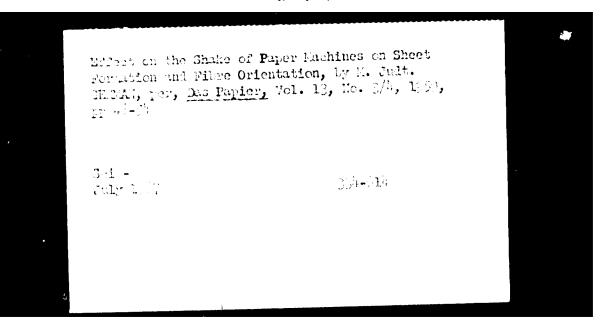
CEEMAN, per, Das Fepier, Vol XII, Ho 23/24, 1958, pp 615-623.

81A 60-10916

1/9,1/2

Sci Jun 60 Vol III, No 5

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The Behaviour of Papers When Chair Moisture Content Changes. Pt 1., by Walter Brecht. 9 po.

GERMAN, por des Papier, Vol XIII, No 4/8, 1959, pp 130-137.

SLA 59-: 1918

Sci Dec 59 Vol 2. 7. 7

103,114

Jayme, G. and Reimann, K.
THE DETERMINATION OF ROSIN IN THE CIRCULATING AND WASTE WATERS OF A PAPER MACHINE. Apr 61, 20p. (5 figs. omitted) 22 refs.
Order from SLA \$1.60

Trans. of das Papier (West Germany) 1959, v. 13, no. 9/10, p. 190-200.

DESCRIPTORS: Organic materials, Inorganic substances, Water, Chemical analysis, Paper industry, Precipitation, Separation, Production, Cellulose chemistry, "Resins, Determination, Wood pulp machines.

(Materials--Paper, TT, v. 7, no. 5)

Office of Tochalcel Services

The Behaviour of Papars When Their Hoisture Content Chunges, Pt II, by Walter Brocht, 8 p.

OMENM, per, don Papier, 1959, Vol XIII, no 9/10, pp 201-207.

31A 59-17046

Set Vol 37 Vol 2, No 6

103,865

Tendency of Paper to Curling, by Walter Brecht, Paul Raderer, Wolfgang Weitzel, 10 p.

GERMAN, per, des Papier, 1959, Vol XIII, Ro 11/12, pp 237-244.

SIA 60-10128

Apr 60 Vol III, No 3 112,025

The Rheological Behaviour of Paper of Varying Moisture Content When Subjected to Short Tensile Strain, by W. Brecht, E. Fuhrlbeck, 7 pp.

GERMAN, per, das Papier, Vol XIII, No 13/14, 1959, pp 293-301.

SIA 60-14010 -- (3//3

Sei

OTS, Vol III, No 7 Nov 60

133,054

Besting of Hardwood Pulps for the Production of Variat Types of Paper, by F. Wultsch, 10 pp.

GERMAN, per, Das Papier, Vol XIII, No 17/18, 1959, 20 407-413.

SIA 60-14284

Sci

164,952

0ct 61

vol III, No 9

Mack, H[einz].
A STUDY ON THE DISTRIBUTION AND RETENTION OF FILLERS IN PAPER. [1960] 13p. (16 figs. omitted) 20 refs.
Order from SLA mis 2.40, ph\$ 3.30 61-10392

Trans. of das Papier (West Germany) 1959, v. 13, no. 19/23, p. 459-469.

147 / 043

Office of Yeshaland Savdana

(Materials--Paper, TT, v. 5, no. 5)

Cadoxen, A New, Colorless, Aquetous Solvent for Cellulose and Its Application, by Georg Jayme.

GERMAN, per, Das Papier, Vol XII, No 23, 1950, pp 624-632.

SLA 60-1627

Sci

188,064

Vol 4, No 1

Mar 02

The Characterization of the Behaviour of Cellulese by Means of Crystal Violet Base, by Marius Rebek, Heinrich Beek, 6 pp.

GERMAN, per, Das Papier, Vol XIII, No 1/2, 1959, pp 1-5.

SLA 59-10986

Sci Dec 59 Vol 2, No 4

103,101

Officel Brighteners in the Taper Industry and Their Evaluation by Colorimetric Measurements, by Anni Eargor, Hons Unterbirker, 9 P.

GERMAN, per, das Papier, 1959, Vol XIII, No 1/2, pp 5-12.

BLA 59-17062

S&1
Dec 59
Vol 2, No 6

103,963

Model Tests Concerning the Application of Starch and CHO in String Presses, by O. Arnoberg.

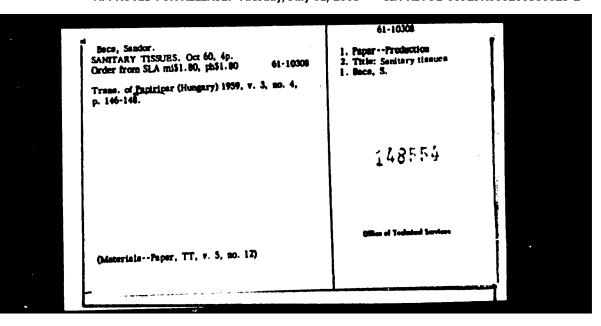
GERMAN, per, Pepier, Vol XII, No 5/6, 1958, pp 81-86.

CSIRO

Sci - Chem

Jun 61

156,926



Importance of Smoothness, by Brnst Beyer, 3 p. GRENAW, per, day Pepter, 1959, Vol MIII, Ho 5/6. pp 85-92.

SIA 59-17083

Sc1 Dec \$9 Vol 2, No 6

103,964

Mar 62

The influence of wire Stake on the Technologica Proporties of Paper, by M. Just, 10 pp. GERMAN, per, Das Papier, Vol XIII, No 19/20, 1959, pp 4.3-476. SLA 60-10271 188,065 Sci Vol 4, No 1

Hovel Mathod of Measurement of Smoothness and Uniformity of froothness on Papers and Boards, by Walter Brecht, Harmann Gemen, 1t pp.

OFFICIAL, per, Das Papier, Vol. XIII, No. 21/22, 1959, pp 519-530.

AL BLA 60-10922

119,111

Sci Jun 60 Vol III, Ho 5

Changes in Colloid-Chemical Properties of Cellulose Fibres Produced by High Frequency Treatment, by G. Jayme

GERMAN, per, Papier, No 23/24, 1959, pp 578-583.

GB/15

Sci Dec 62

Brecht, W. and Erfurt, H.
NEW DATA ON THE TENSILE STRENGTH OF
PAPERS. [Sep 60] 13p. (14 figs. 2 graphs omitted)
19 refs.
Order from SLA mi\$2.40, ph\$3.30
61-10207

Trans. of das Papier (West Germany) 1959, v. 13, no. 23/24, p. 583-592.

A new apparatus is described which enables the stress-strain properties of paper to be determined within the total range of solid contents of 13% to 90%. The device functions with a constant rate of extension which can be varied over wide limits. The flow behaviour of initially wet papers was studied, and an investigation was made of the influences exercised by fibre swelling, beating, and the changes in the composition of the structural elements occurring during beating on the relationship between solids content and tensile strength. The results supplied a comprehensive picture of the laws and other factors affecting the (Materials--Paper, TT, v. 5, no. 2) (over)

1. Paper--Tensile properties
1. Brecht, W.
II. Erfurt, H.

141,137

Office of Tachnical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000200580023-2

-arg Changes in Colloidal-Chemical Properties of Cellulose Libers Produced by High Frequency Treatment, by George Jayme, Borst Cronert, MONOREK Walter Mcuhaus, FXXXX 6 pp.

CERMAN, per, das Papier, Vol XIII, No 23/24, 1959, pp 578-583.

ST.A 61.-10769

Sei Aug 61 162795

Testing Various Grades of Paper With the FOGRA Prikkntability Testes, by F. Tultsch, K. Schubert.

XXXGERMAN, per, Papier, Vol XIII, No 23-24, 1959, pp 600-607.

GB-205

Sci Dec 02

Investigations Concerning the Growth of Fuserium Aqueductum Lagh on the Waste Waters of the Sulphite Pulp Indusgry, by L. Scheuring, et al, 6 pp.

ORRMAN, per, Das Papier, Vol XIV, No 1, 1960, pp 1-3.

SLA 60-16637

192,634

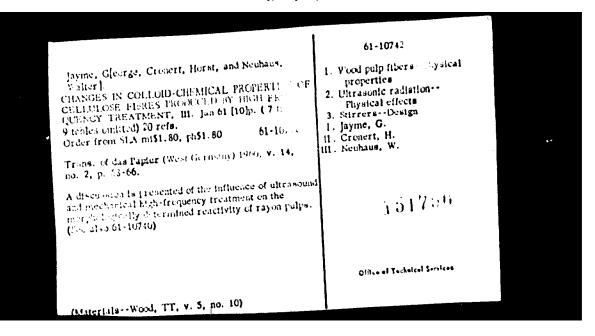
801 Vol IV, No 7

Apr 62

## APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200580023-2

61-10740 Jayme [George, Cronert, Horst, and Neuhaus, 1. Wood pulp fibers -- Physical CHANGES IN COLLOID-CHEMICAL PROPERTIES OF CELLULOSE FIBRES PRODUCED BY HIGH FREproperties 2. Ultrasonic radiation --Physical effects QUENCY TREATMENT, U. Jan 61, Sp. (18 figs 3. Stirrers -- Design 6 tables omitted) 1 ref. 1. Jayme, G. 61-10740 Order from SLA mi\$1.80, pi\$1.60 II. Crinert, H. III. Neuhaus, W. Trans. of dis Papier (West Germany) 1960, v. 14, no. 1, p. 5-11. Another translation is available from SLA mi\$1.80, p551.80 as 60-18504 [1960] [10]p. 151610 The machinery used in high-frequency treatment is described. (See also 60-18503) Office of Tochatcol Saralcos (Materials--We , TT, v. 5, no. 10)

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Progress in Swedish Sulphite Pulp Research, by L. Stockman, 8 pp.

CERMAN, per, Das Papier, Vol XIV, No 3, 1960, pp 85-91.

SLA 60-18099

Vol IV, No 9 Mar 62

187,129

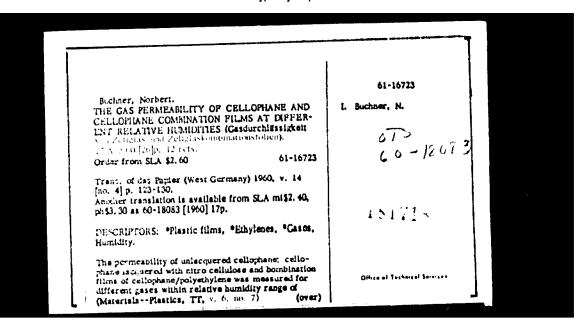
New Resin and Lignin Reaction for the Identifi-cation of Pulps, by E. Embnel, 6 pp.

CERMAN, per, das Papier, Vol XIV, No 3, 1960, pp 96-99.

SLA 61-20667

Boi Vol VII, No 3

188,082



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CI

CIA-RDP91-00929R000200580023-2

chenomena in Swelling and Dissolution of Fibrous Plant Cells in New Solvents, by G. Jayme, M. Harders-Steinhauser, 10 pp.

GERMAN, per, das Papier, Vol XIV, No 6, 1960, pp 228-234.

196,868

Sci

Hay 62 Yol 4, No 10

The Kinematic High Frequency Process of Professor Willems, by P. Willems, by P. Willems, by Pp.

GENAN, per, Das Papter, Vol XIV, No 7, 1960.

BLA 60-18082

Sci Vol IV, No 9, Mar 62 187,019

On the Measurement of the Rigidity of Paper, Carton Board and Board, I, by W. Brecht, F. Muller, lo pp.

GERMAN, per, Das Papier, Vol XIV, No 7, 1960, pp 270-277.

BLA 60-18098

**Bc1** Vol IV, No 9 War 62

187, 127

The Distribution of Auxiliary Substances in the Circulation of a Paper Machine at Application of an Acid Rich Size (Hagoid), by G. Jayme, W. Dermig.

GERMAN, per, das Papier, Vol XIV, No 7, 1960, pp 278-283.

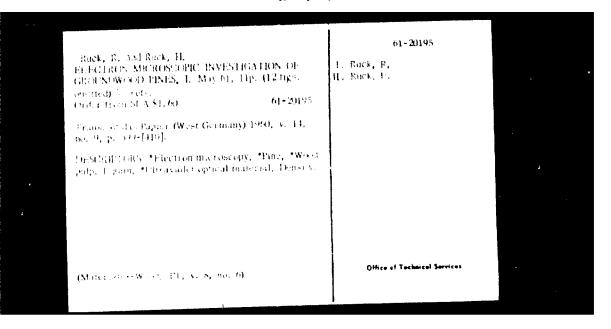
SIA 61-18268

Sci Mar 62

Yol VII, No 2

189,522

## APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200580023-2



Comparison on the Retention of Rosin Acids on the Papermachine Wire in the Presence of Various Additives, by Georg Jayme, Werner Demmig, 25 pp.

GERMAN, per, das Papier, Vol XIV, No 9, 1960, pp 408-414.

BLA 61-10015 146,103

Sc1

Apr 61

Brecht, W. and Muller, F.
STIFFNESS TESTING OF PAPER, CARTON, AND
BOARD. [II]. Apr 61, 12p. (12 figs. omitted).
Order from SLA \$1.60

Trans. of das Papier (West Germany) 1960, v. 14, no. 9, p. 414-427.

DESCRIPTORS: \*Paper, Mechanical properties, Test equipment, Stresses.

It was found that the majority of the different procedures and instruments characterise rigidity only on a relative basis and indirectly. The fundamental difference in the hending behaviour of elastic and elasto-plastic materials was theoretically demonstrated and it was shown that a distinction has to be made between two cases when subjecting paper to hending streases. One case is characterised by such alight bending of the sample that the strain at the sample surface does not exceed the region (Materials--Paper, TT, v. 6, no. 6)

## 61-16464

- 1. Brecht, W.
- II. Miller, P.
- III. Title: On the Measurement of the Rigidity of Paper, Carton Board and Board, II.

176530

Office of Technical Services

Linde, F[riedrich].
PROBLEMS IN THE TECHNIQUE OF MEASURING
AT THE DRY END OF PAPER MACHINES. June 61,
8p. (2 figs. omitted) 5 refs.
Order from SLA \$1.10 61-18571

Trans. of das Papler (West Germany) 1960, v. 14, no. 10, p. 453-457.

DESCRIPTORS: \*Paper, Dehydration, Measurement, Machines, Heat transfer, Quality control, Instrumentation.

The thermal problems, such as temperature distribution and heat transfer encountered during the drying of papers by means of steam-heated drying cylinders are investigated, possible methods of measurement are discussed, together with the most suitable installation points for measuring equipment. It is preferable to check the steam consumption of the individual drying cylinders, as compared with steam pressure measure-(Materials--Paper, TT, v. 8, no. 5) (over)

61-18571

I. Linde, F.

Office of Technical Services

Wultsch, F[erdinand] and Schubert, K[art].

IMPROVING THE PRINTABILITY OF PAPERS BY THE ADDITION OF STRAW PULP. Sep 61, (5 figs. omitted) 6 refs.

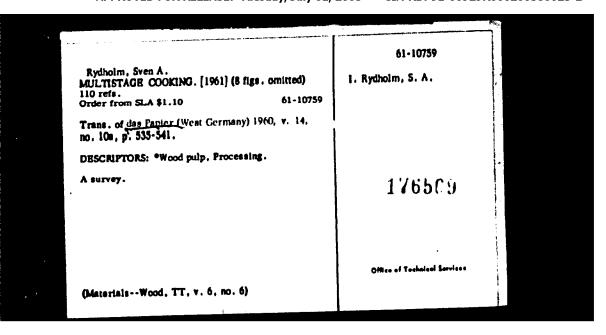
Order from SLA \$1. 10

Trans. of das Papier (West Germany) 1960, v. 14, no. 10, p. 458-461.

DESCRIPTORS: \*Paper, Printing, Straw, Cellulose, Additives, Manufacturing methods.

(Materials -- Paper, TT, v. 8, no. 4)

Office of Technical Services



jayme, G. and Hunger, G.

PULP AND PAPER AS VIEWED STEREOSCOPICALLY
BY THE ELECTRON MICROSCOPE. [1961] 4p.
(16 figs. omitted)
Order from SLA \$1. 10
62-10276

Trans. of das Papier (West Germany) 1960, v. 14,
no. 10a, p. 550-553.

DESCRIPTORS: Cellulose, "Wood pulp, "Paper,
Electron microscopes, Stereoscopes.

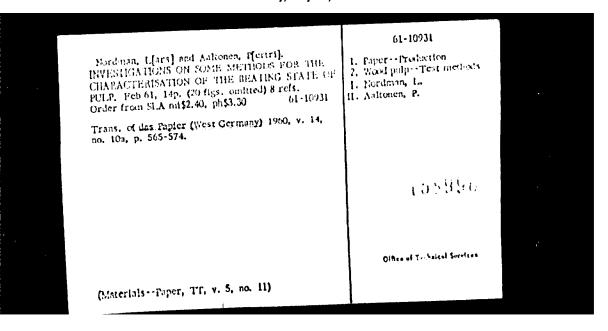
An attempt is made in this lecture to show how our
knowledge of the fine structure of cellulose pulps and
their structural modification under various influences
may be broadened and deepened by stereoscopic observation. This was done by showing and comparing
ordinary electron-micrographs with stereo hairs.
(Author)
(Materials--Paper, TT, v. 7, no. 9)

Brecht, W[alter] and Miller, F[riedrich],
ABOUT THE HANDLE OF PAPER 1961, 16p.
(13 figs. omitted) 26 refs.
Order from SLA \$1.60

Trans. of das Papier (West Germany) 1960, v. 14,
no. 10s, pr 554-564.

DESCRIPTORS: \*Paper, Physical properties, Mechanical properties, Tests.

The definition, "handle", referring to the "feel" of paper is examined and an attempt is made to relate it to objective measurement. Some 43 papers of different "handle" were distributed among 5 basis -weight ranger for individual assessment by trade observers. Those tactile properties (bending stiffness and thickness) enabling the classification by "handle" by the expert were measured, yielding a correlation between subjective assessment and actual measurement (Spearman order of ment correlation coefficient 0.986). The (Materials --Paper, TT, v. 6, no. 1)



Holte, T[orgrim] and Gregersen, A[iv].

METHOD FOR GRAVIMETRIC DETERMINATION OF THE FLUFFING OF BOXBOARD. Oct 61, 6p. (10 figs. omitted).

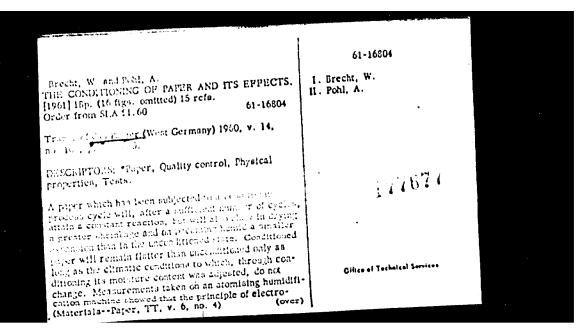
Order from SLA \$1, 10 61-20513

Trans. of das Papier (West Germany) 1960, v. 14, no. 10a, p. 575-580.

DESCRIPTORS: \*Containers, \*Wood pulp, Surfaces, Processing, \*Paper industry, Gravimetric analysis, Particles, Films, Adhesion.

(Materials--Paper, TT, v. 8, no. 4)

Office of Tachaical Services.



62-14673 Barnscheich, Wolfgang and Schildler, Max. INVESTIGATIONS FOR ASCERTAINING THE OPTIMAL 1. Title: Dewatering DEWATERING METHORS FOR DRYING CYLINDERS 1. Barnscheidt, W. II. Schildler, M. PATTH ROP SCI. IN HEAT-THANSESR AND FOWER-BRACIE W. N. 1982 He. 137 flas. omitted. Conservation 1. 1800  $\frac{1}{m} \frac{\partial (m, m, n)}{\partial m} \frac{\partial}{\partial m} \frac{\partial}{\partial$ O'est Germany, 1960, v. 14, • 1.33 (Pt) (1) "Seas transfer, "Cylindercal to ber, Contensity, edge, "Debydration, Power applica, Policea, Seaser, Steon condensers, Velocity, Turbuslance, Vego, pressure, Machinea, Construction. For obtaining results stillizable directly in the practice. there was set up a steam-heated cylinder of diameter. 1.5 meters and width 5 meters. The condensation water in the cylinder forms at low velocities a sump and at Office of Technical Services (Machinery, Fabrications and Accessory Equipment, TT, v. 9, no. 5) (over)

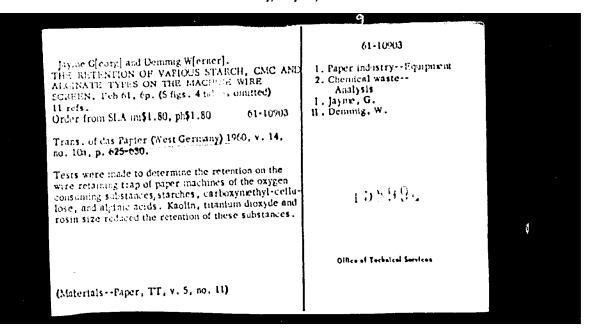
Brecht. W. and Hildenbrand. W.
ABOUT THE DIMENSIONAL STABILITY OF PAPERS.
Mar 61, 18p. (21 figs. omitted) 79 refs.
Order from SLA \$1.60

Trans. of das Papier (West Germany) 1960, v. 14, no. 10s. p. 610-624.

DESCRIPTORS: \*Paper, Quality control, Physical properties, Tests.

An apparatus has been designed which yields curves during paper tests recording the changes arising from the moisture content during a change of climatic conditions and the changes of dimensions of the papers as a function of time. The results of ample investigations show how different production conditions tallnesses the relation between climatic conditions and dimension changes and affect the speed of these reactions. (Author

(Materials--Paper, TT, v. 6, no. 1)



Muller-Rid, W., Stark, A., and Pausch, G.
THE QUALITY OF THE FORMATION AS A CONSEQUENCE OF CONSTRUCTIVE AND OPERATIVE
FACTORS. [1901] 22p. (22 figs. omitted) 14 refs.
Order from SLA \$2.60 61-20485

Trans. of <u>das Papier</u> (West Germany) 1960, v. 14, no. 12, p. 697-709.

DESCRIPTORS: \*Paper, Paper industry, Production, Industrial equipment.

Hydrodynamic measurements, which have been carried out in the laboratory at models and at normally sized stuff distributors and stock inlets, show that only a firm knowledge about the hydrodynamical behaviour of the construction elements enables the constructor to project and to dimension stuff distributor (Materials--Paper, TT, v. 7, no. 7) (over)

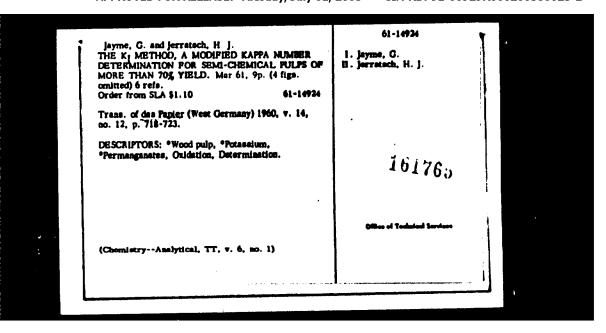
61-20485

1. Muller · Rid, W.

II. Stark, A.

III. Pausch, G.

Office of Tachelcal Services



Brecht, W[alter] and Erfurt, H[orst].
OBSERVATIONS ON THE STRETCH OF PAPER.
Mar 61, 19p. (14 figs. omitted) 28 refs.
Order from SLA \$1.60
61-16120

Trans. of das Papier (West Germany) 1960, v. 14, no. 12, p. 723-736.

DESCRIPTORS: \*Paper, Wood pulp fiber\*, Mechanical properties, Physical properties, Tests.

A previously described apparatus (das Papier 13: 583, 1959; available in translation from SLA as 61-10207) was used to study the effects which the solid content of the paper, the type of fibres used and their degree of beating, and the structural character of mechanical and chemical pulps exert on the extensibility of papers.

(Materials -- Paper, TT, v. 6, no. 4)

61-16120

1. Brecht, W. II. Erfurt, H.

177640

Office of Technical Services

Transparency and Reflectance of Paper, Theory, and

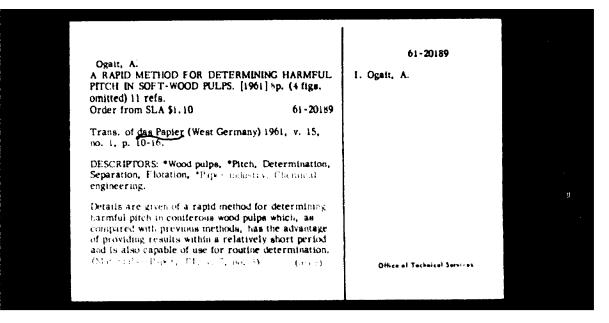
GERMAN, per, Die Papier, Vol XV, No 7/8, Apr 1959; pp 141-149.

> CIA/FDD XX-750 NOT RELEASABLE TO FOREIGH NATIONALS

Sci - Physics Jan 60

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Practical Investigations Concerning Fresh and Backwater Problems in Paper Machines, by F. Wultsch, K. Maier.

(EFFEMAN, per, Papier, Vol XV, No 4, 1961, pp 130-134.)
(EF/167/Reprint 2510

301-Engr Feb 63

222,595

Fahmy, Yehia and Abu-State, Amin.
INFLUENCE OF MORPHOLOGICAL, CHEMICAL
AND SOME PHYSICAL PROPERTIES OF THE PULP
ON THE Fil.TERABILITY OF THE VISCOSES, Pt. 1
On the Testing of Rayon Grade Pulps. May 62, 5240
words.
Order from LSA \$50.00

Trans. of das Papier (West Germany) 1961, v. 15,
no. 5, p. 44-51

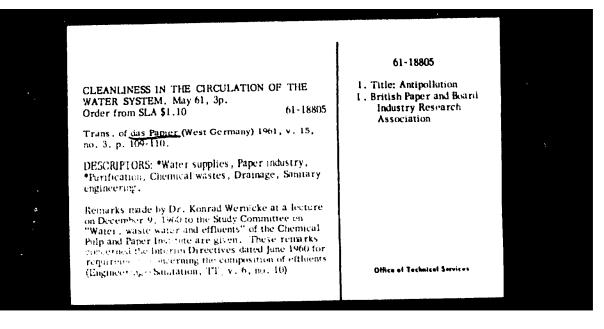
DESCRIPTORS: \*Wood pulp, Chemical properties,
Physical properties.

(Materials--Paper, TT, v. 8, no. 2)

62-17249

i. Fahmy, Y.
ii. Abu-State, A.
III. Title: On ...
IV. Literature Service
Associates, Bound
Brook, N. J.

Office of Technical Services



62-10349 THE DETERMINATION OF THE GREASE RESIST-1. Werr, F. ANCE OF PAPERS, PT. 1. [1961] 12p. (1 fig. omitted) 36 refs. Order from SLA \$1.60 Sha 62-18542-62-10349 Trans. of das Papier (West Germany) 1961, v. 15, no. 6, p. 222-229. DESCRIPTORS: \*Paper, Greases, Resistance. 25 Determination. The article outlines observations made concerning grease resistance and greaseproof papers. The testing methods currently employed are described and critically examined by taking into consideration experimentally obtained results. In establishing a standard method for testing a paper consideration must be given to the purpose the paper must serve. (Materials—Paper, TT, v. 7, no. 9) (over Office of Technical Services (over)

Stahn, Richard.

METHOD FOR QUANTITATIVE DETERMINATION OF AIR CONTENT IN VISCOSE. Jan 64, 1630words Order from LSA \$15,00

Trans. of [das] Papier (West Germany) 1961, v. 15, no. 6, p. 229-231.

DESCRIPTORS: \*Viscose, Air, Fibers (Synthetic), Quantitative analysis, Paper industry.

(Materials--Paper, TT, v. 11, no. 11)

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RD

CIA-RDP91-00929R000200580023-2

Sedivy, M. and Kubat, J.
BASIC FACTORS AFFECTING THE CRUSH
STRENGTH OF PAPERS MANUFACTURED FROM HIGH YIELD PULP. [1961] 7p. (14 figs. omitted) l ref. 62-10277 Order from SLA \$1.10 Trans. of das Papier (West Germany) 1961, v. 15,

no. 6, p. 232-237.

DESCRIPTORS: \*Paper, \*Wood pulp, Manufacturing methods, Quality control, Test methods.

The present treatise deals exclusively with the technique of manufacturing and converting the paper for the fluting paper of corrugated board, the most important factors which affect the quality of the paper are discussed. The basis for these conclusions was provided by a long series of experiments carried out (Materials--Paper, TT, v. 7, no. 9) (over) (over)

62-10277 1. Sedivy, M. II. Kubat, J.

Office of Tochalcal Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000200580023-2

Poschmann, Franz.
DEFOAMING AGENTS IN THE PAPER INDUSTRY.
14 Sep 62, 12p. (figs. refs. omitted) 3 refs.
Order from SLA \$1.60

Trans. das Papier (West Germany) 1961, v. 15, no. 7, p. 295-301.

DESCRIPTORS: \*Paper industry, Foams, \*Foaming inhibitors, Surface-active substances.

(Materials--Paper, TT, v. 9, no. 9)

Office of Ischairs Services

Werr, F. THE DETERMINATION OF THE GREASE RESIST- ANCE OF PAPERS, PT. II. Oct 61, 12p. Order from SLA \$1.60 62-10398	62-10398 I. Werr, F.	
Trans. of das Papier (West Germany) 1961, v. 15, no. 7, p. 318-322.  DESCRIPTORS: "Paper, Greases, Resistance, Determination.		
See also 62-10344 - 2/20 62-149044 16108		g
(Materials - Papers, TT, v. 7, no. 9)	Office of Technical Services	

